

Fig. 1B

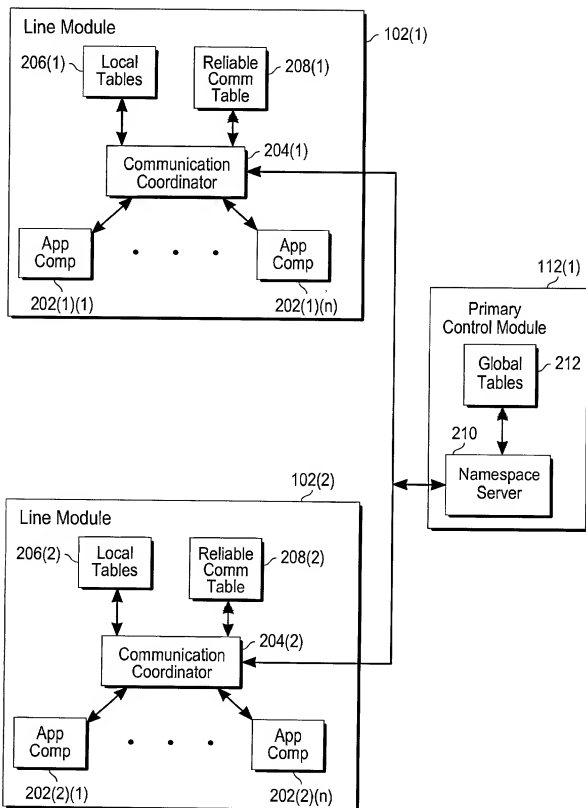


Fig. 2

Local Publishers Table

Namespace	Reference to Publisher	IP address/ Port #
/LM/1/Monitor/Event/LOS	P1	X1, Y1

Fig. 3A

Local Subscribers Table

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal
/LM/1/Monitor/Event/LOS	S2	X2, Y2	Best Effort	Normal

Fig. 3B

Local Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
/LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal
/LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal

Fig. 3C

Local Clients Table

Namespace	Reference to Client	IP address/ Port #
/LM/2/Foo/Op/Set	S1	X1, Y1

Fig. 3D

Local Publishers Table

Namespace	Reference to Publisher	IP address/ Port #
/LM/2/Foo/Event/Sleep	P2	X2, Y2

410

402

Fig. 4A

Local Subscribers Table

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
/Event/LOS	S2	X2, Y2	Best Effort	Normal
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal

412

414

404

Fig. 4B

Local Servers Table					
Namespace	Reference to Server	IP address/ Port #	Reliability	Priority	
/LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal	406
/LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal	

Fig. 4C

Local Clients Table			
Namespace	Reference to Client	IP address/ Port #	
/LM/1/Monitor/Op/Get	S2	X2, Y2	408

Fig. 4D

502

Global Publishers Table

Namespace	Reference to Publisher	IP address/ Port #
/LM/1/Monitor/Event/LOS	P1	X1, Y1
/LM/2/Foo/Event/Sleep	P2	X2, Y2
/LM/3/Bar/Event/Wake	P3	X3, Y3
⋮	⋮	⋮

Fig. 5A

8/10

504

Global Subscribers Table

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal
/Event/LOS	S2	X2, Y2	Best Effort	Normal
/LM/4/Test/Event/True	S3	X4, Y4	Best Effort	Normal
⋮	⋮	⋮	⋮	⋮

Fig. 5B

Global Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
/LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal
/LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

Fig. 56

Global Clients Table

Namespace	Reference to Client	IP address/ Port #
/LM/2/Foo/Op/Set	S1	X1, Y1
/LM/1/Monitor/Op/Get	S2	X2, Y2
•	•	•
•	•	•
•	•	•

Fig. 58

Reliable Communication Table

IP address/ Port #	Sending Sequence #	Receiving Sequence #	Missing Sequence Number List
X2, Y2	2040	50	
.	.	.	.
.	.	.	.

Fig. 6

Reliable Communication Table

IP address/ Port #	Sending Sequence #	Receiving Sequence #	Missing Sequence Number List
X1, Y1	50	2040	
.	.	.	.
.	.	.	.

Fig. 7